

WHAT IS CLAIMED IS:

1. A chaining key broadcasting reception system for receiving digital broadcasting, comprising  
means for obtaining key information for the decoding of the contents enciphered in advance based on  
5 key information which is obtained when a plurality of programs in said digital broadcasting are viewed.

2. The chaining key broadcasting reception system as set forth in claim 1, wherein

said key information obtaining means including  
chaining key reception means for receiving a  
5 chaining key for decoding said contents, an identifier of the key in question and a target key identifier indicative of a chaining key to be decoded by the key in question,

chaining key management means for taking out an  
10 already stored chaining key by using said target key identifier, and

chaining key decoding means for decoding the chaining key received by said chaining key reception means by using the chaining key sent from said chaining  
15 key management means to generate a new chaining key.

3. The chaining key broadcasting reception system as set forth in claim 2,

which is structured to independently execute a series of processing of receiving, decoding and storing said chaining key by said key information obtaining means and processing using a chaining key.

4. The chaining key broadcasting reception system as set forth in claim 2,

which is structured to independently execute a series of processing of receiving, decoding and storing said chaining key and processing using the chaining key, wherein

said processing using the chaining key is enciphered contents decoding processing.

5. The chaining key broadcasting reception system as set forth in claim 2, wherein

an identifier of an arbitrary chaining key is designated as said target identifier.

6. A chaining key broadcasting reception method of receiving digital broadcasting, comprising the step of obtaining key information for the decoding of contents enciphered in advance based on key information which is obtained when a plurality of programs in said digital broadcasting are viewed.

7. The chaining key broadcasting reception method as

set forth in claim 6, wherein

said key information obtaining step includes the steps of

5 receiving a chaining key for decoding said contents, an identifier of the key in question and a target key identifier indicative of a chaining key to be decoded by the key in question,

taking out an already stored chaining key by using said target key identifier, and

10 decoding the received chaining key by using the taken out chaining key to generate a new chaining key.

8. The chaining key broadcasting reception method as set forth in claim 7, wherein

a series of processing of receiving, decoding and storing said chaining key is executed independently of other processing using said chaining key.

9. The chaining key broadcasting reception method as set forth in claim 7, wherein

a series of processing of receiving, decoding and storing said chaining key and processing using the chaining key are executed independently, and

5 said processing using the chaining key is enciphered contents decoding processing.

10. The chaining key broadcasting reception method as

set forth in claim 7, wherein

an identifier of an arbitrary chaining key is designated as said target identifier.

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11. A chaining key broadcasting reception system for receiving digital broadcasting, comprising

key information obtaining unit which obtains key information for the decoding of the contents enciphered in advance based on key information which is obtained when a plurality of programs in said digital broadcasting are viewed.

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12. The chaining key broadcasting reception system as set forth in claim 11, wherein

said key information obtaining unit including chaining key reception unit which receives a chaining key for decoding said contents, an identifier of the key in question and a target key identifier indicative of a chaining key to be decoded by the key in question,

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chaining key management unit which takes out an already stored chaining key by using said target key identifier, and

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chaining key decoding unit which decodes the chaining key received by said chaining key reception unit by using the chaining key sent from said chaining key management unit to generate a new chaining key.

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13. The chaining key broadcasting reception system as set forth in claim 12,

which is structured to independently execute a series of processing of receiving, decoding and storing said chaining key by said key information obtaining unit and processing using a chaining key.

14. The chaining key broadcasting reception system as set forth in claim 12,

which is structured to independently execute a series of processing of receiving, decoding and storing said chaining key and processing using the chaining key, wherein

said processing using the chaining key is enciphered contents decoding processing.

15. The chaining key broadcasting reception system as set forth in claim 12, wherein

an identifier of an arbitrary chaining key is designated as said target identifier.